

## Sequence Comparison A

SEQ ID NO:1

LOCUS RKGABA 1739 bp mRNA linear ROD 22-JUN-1992  
 DEFINITION R.norvegicus mRNA for GABA(A) receptor gamma-1 subunit.  
 ACCESSION X57514  
 VERSION X57514.1 GI:56175  
 KEYWORDS GABA(A) receptor gamma-1 subunit.  
 SOURCE Rattus norvegicus.  
 ORGANISM Rattus norvegicus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;  
 Rattus.  
 REFERENCE 1 (bases 1 to 1739)  
 AUTHORS Ymer, S., Draguhn, A., Wisden, W., Werner, P., Keinänen, K.,  
 Schofield, P.R., Sprengel, R., Pritchett, D.B. and Seeburg, P.H.  
 TITLE Structural and functional characterization of the gamma 1 subunit  
 of GABAA/benzodiazepine receptors  
 JOURNAL EMBO J. 9 (10), 3261-3267 (1990)  
 MEDLINE 91006020  
 PUBMED 2170110

FEATURES  
 source Location/Qualifiers  
 1. .1739  
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 100. .1497  
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 /db\_xref="GI:56176"  
 /db\_xref="SWISS-PROT:P23574"

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 mat\_peptide 205. .1494  
 /product="GABA(A) receptor gamma-1 subunit"

BASE COUNT 528 a 350 c 344 g 516 t 1 others  
 ORIGIN

Query Match 77.3%; Score 1080.2; DB 10; Length 1739;  
 Best Local Similarity 86.6%; Pred. No. 9.4e-236;  
 Matches 1213; Conservative 2; Mismatches 180; Indels 6; Gaps  
 2;

Qy 1 ATGGGTCCTTTGAAAGCTTTTCTCTTCTCCCTTTTCTTCTGCGGAGTCAAAGTAGAGGG 60  
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 Db 100 ATGGGTTCTGGGAAAGTCTTCTTTTCTCTCTTCCCTCTGTGGAGTCAAAGTAGAGGA 159

Qy 61 GTGAGGTTGGTCTTCTTGTTACTGACCCCTGCATTTGGGAAACTGTGTTGATAAGGCAGAT 120  
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 Db 160 GTGAGGTTGATATTCTTGTTACTAACCCTGCATCTGGGAAACTGCATTGATAAAGCAGAT 219

Qy 121 GATGAAGATGATGAGGATTTAACGGTGAACAAAACCTGGGTCTTGGCCCCAAAATTTCAT 180  
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[illegible]